Geometry

Week of Jan 3-5, 2024

General Class Periods 4&5

Objectives

Textbook sections - extension to applications and reviews

Chapter 8 Sections 1 thru 3

Essential Question: How are similar polygons related?

Lesson Objective(s): Students will use similarity statements.
Students will find corresponding lengths in similar polygons.
Students will find perimeters and areas of similar polygons.
Students will decide whether polygons are similar.

Lesson Objective(s): Students will use the Side-Side-Side Similarity Theorem.
Students will use the Side-Angle-Side Similarity Theorem.
Students will prove slope criteria using similar triangles.
Previous Learning: Students have proven triangles similar by using the definition of similarity
and by using the Angle-Angle Similarity Theorem.

Wednesday -

Watch STEM Chapter 8 Video
https://www.youtube.com/watch?v=cB-9EySfga8&t=2s

Complete STEM Performance Worksheet

Concept: Similar is the difference in finding the sides PROPORTIONALLY in size while angles remain congruent for the SHAPE

Similar   = fractions, proportions, scale factors (new to old)

Perimeter is same scale factor but Area is squared scale factor

Thursday - EdPuzzle with worksheet day

--- video and worksheet linked in google classroom
--- worksheet will also be a handout to complete and turn in for a grade and to use on midterm test

Friday - Makeup day for any tests also.

Review Similarity Worksheet from last two days as applications of similarity

Organize Folders for Midterm by creating four unit packets

Staple Student journal pages with blank page on top and off back for summary notes.

Chapter 1, 3, 5 briefly, and 8